

SWITCHING POWER SUPPLIES

IZK 752 SERIES

POWER SUPPLY FOR EURO 3U CASSETTE

- Power output: 2 x 35W
- Wide range of input voltages AC or DC:
87VAC÷260VAC, 90VDC÷350VDC
- Two separate channels
- 3-year guarantee
- Control and security systems
- High efficiency
- Parallel operation
- Full voltaic separation



IZK 752 is a series of switching power supplies in standard metal casings, designed to be assembled in 19" EUROCARD 3U cassettes. Two independent channels enable a user to connect outputs in parallel (if the voltages are the same) or in series. They may also be equipped with a POWER FAILURE alert system and an output-voltage control and alert system (RESET).

TECHNICAL DATA

Input

Input voltage	87V to 260V AC 90V to 350V DC
Input frequency range	40Hz to 440Hz
Interference emission level	to EN 55022

Output

Stabilisation of U_{input} variations	$\leq 0.3\%$
Stabilisation of I_{load} variations	$\leq 0.3\%$
Temperature coefficient	0.04%/°C
Power output at 50°C	70W
Pulsating voltage	$U_t \leq 100mV_{pp}$ $U_{trms} \leq 10mV$

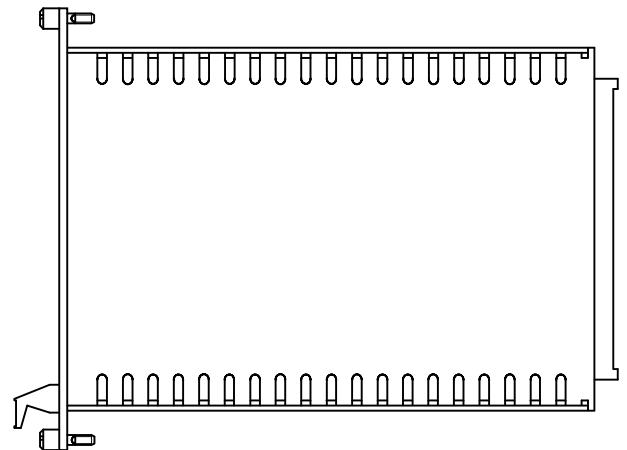
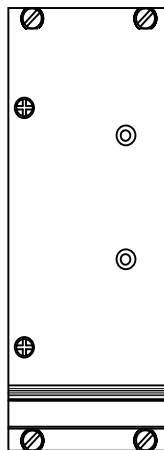
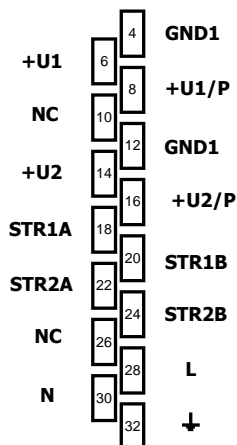
General

Modulation frequency	$f_p \leq 65kHz$
Modulation mode:	PWM - Flyback
Hold time	110V/70W $t_p \geq 30ms$
Efficiency (dependant on U_{output})	75÷85%
Dimensions	EURO 3U 10TE
Insulation strength	to EN 60950
Operating temperature	-10°C to +55°C
Relative humidity without condensation	5% to 95%

The construction satisfies the safety and electromagnetic compatibility requirements of the relevant EC standards.

MODEL	OUTPUT	
	Output 1 V_{nom}/I_{max}	Output 2 V_{nom}/I_{max}
IZK 752-1515	15V/1.5A	15V/1.5A
IZK 752-2424	24V/1.5A	24V/1.5A

Other options are available on request



Description of the H15 connector



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